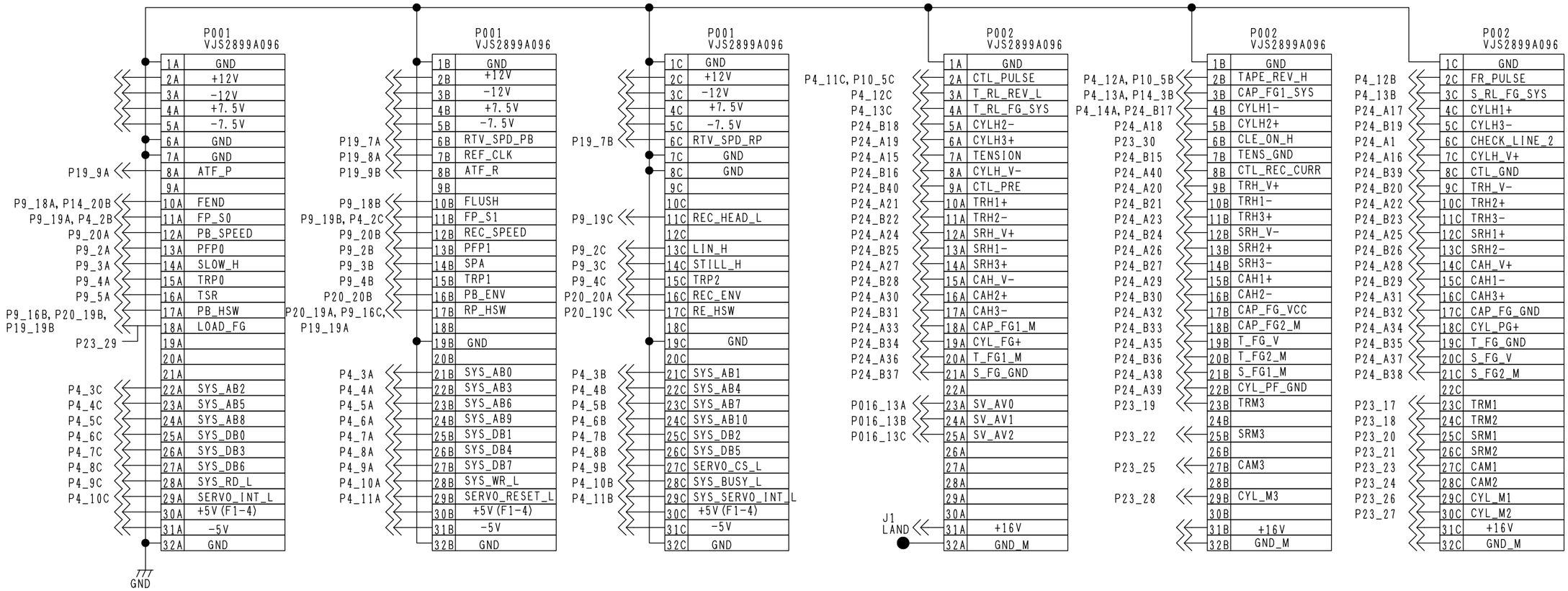
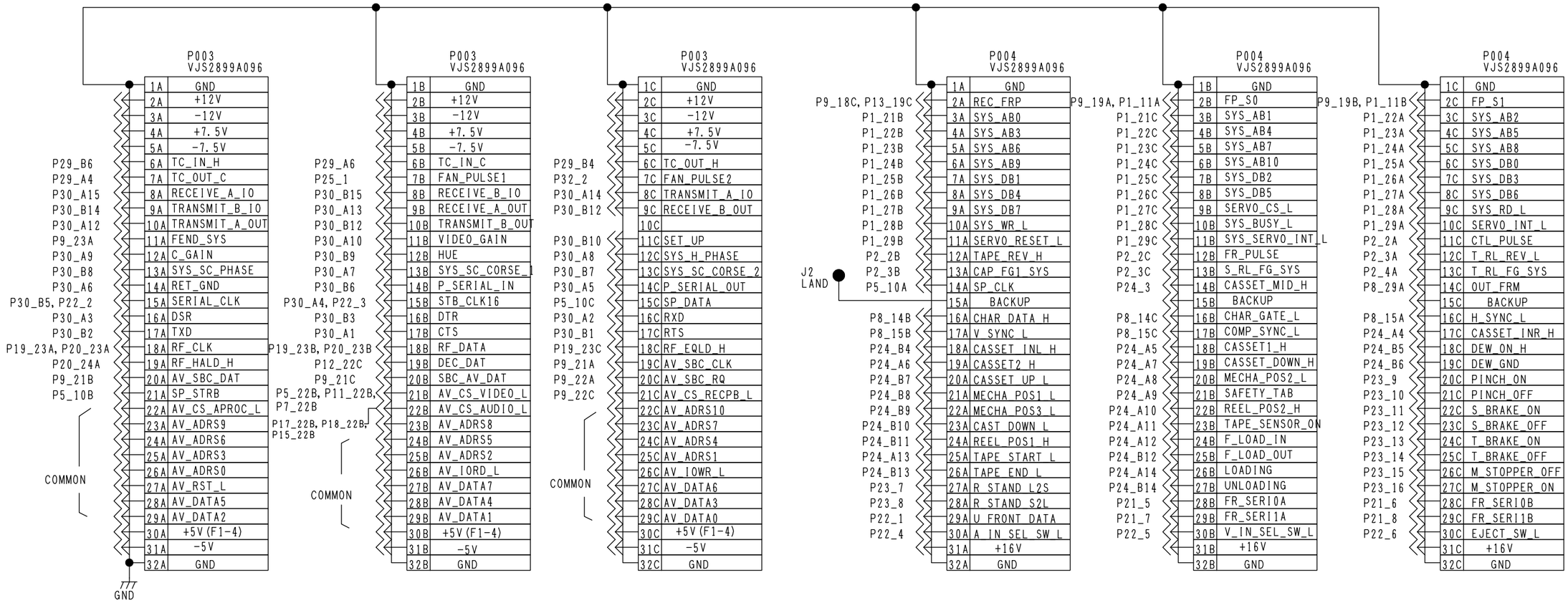
SERVO (F1)



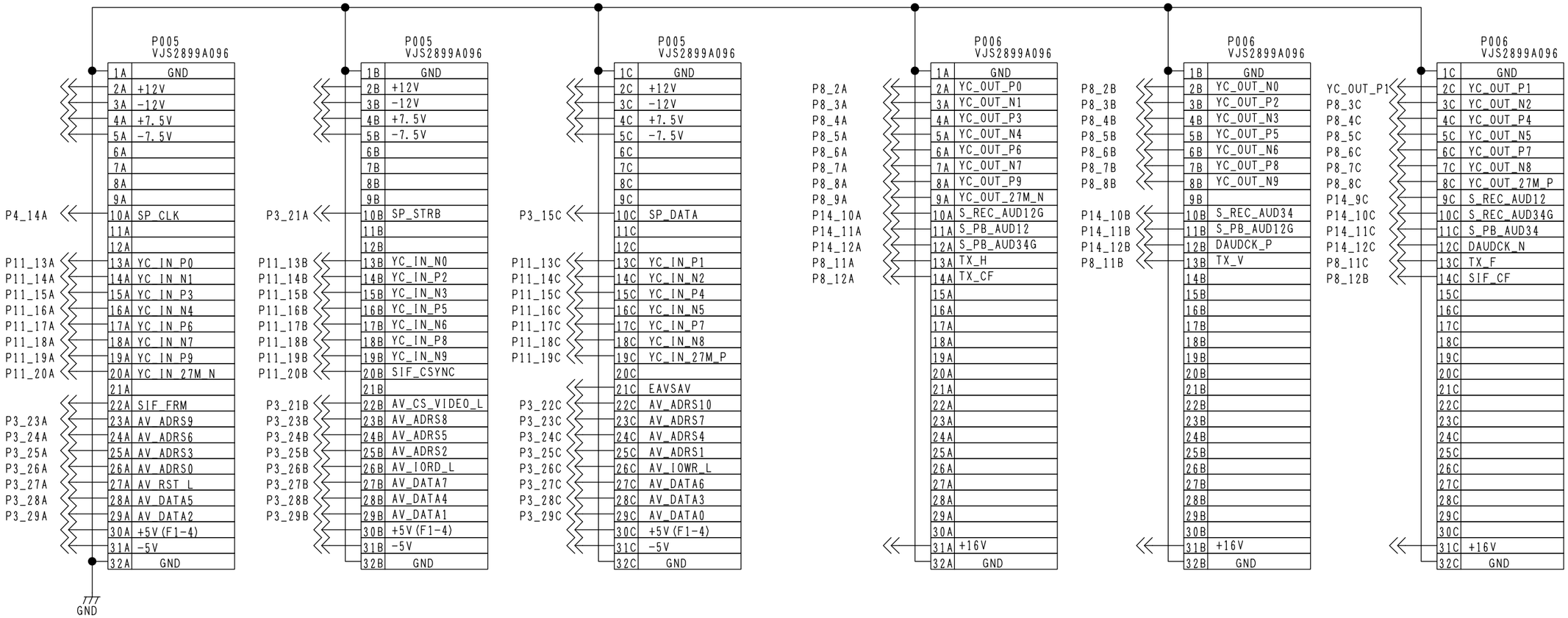
COMPONENT NAME	MOTHER	01/11
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A48A		
	SCM197	

SYSCON (F2)



COMPONENT NAME	MOTHER	02/11
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A48A		
	SCM198	

SIF (F3)



COMPONENT NAME	MOTHER	03/11
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A48A		
		SCM199

V_OUT (F4)

P007
VJS2899A096

	1A	GND
	2A	+12V
	3A	−12V
	4A	+7.5V
	5A	−7.5V
P30_B26	6A	REF_IN_G
	7A	
P30_B24	8A	VIDEO_OUT1_G
P30_B23	9A	VIDEO_OUT2_G
P30_B22	10A	VIDEO_OUT3_G
P30_B21	11A	Y_OUT_G
P30_B19	12A	PR_OUT_G
P30_B20	13A	PB_OUT_G
P29_A/B21	14A	4P_Y_OUT_G
P29_A/B19	15A	4P_C_OUT_G
	16A	
	17A	
	18A	
	19A	
	20A	
P9_16A	21A	VBLK_O_CSYNC
	22A	
P3_23A	23A	AV_ADRS9
P3_24A	24A	AV_ADRS6
P3_25A	25A	AV_ADRS3
P3_26A	26A	AV_ADRS0
P3_27A	27A	AV_RST_L
P3_28A	28A	AV_DATA5
P3_29A	29A	AV_DATA2
	30A	+5V (F1-4)
	31A	−5V
	32A	GND

GND

P007
VJS2899A096

	1B	GND
	2B	+12V
	3B	−12V
	4B	+7.5V
	5B	−7.5V
	6B	
	7B	
	8B	
	9B	
	10B	
	11B	
	12B	
	13B	
	14B	
	15B	
	16B	
	17B	
	18B	
	19B	
	20B	
	21B	
P3_21B	22B	AV_CS_VIDEO_L
P3_23B	23B	AV_ADRS8
P3_24B	24B	AV_ADRS5
P3_25B	25B	AV_ADRS2
P3_26B	26B	AV_IORD_L
P3_27B	27B	AV_DATA7
P3_28B	28B	AV_DATA4
P3_29B	29B	AV_DATA1
	30B	+5V (F1-4)
	31B	−5V
	32B	GND

P007
VJS2899A096

	1C	GND
	2C	+12V
	3C	−12V
	4C	+7.5V
	5C	−7.5V
P30_A26	6C	REF_IN
	7C	
P30_A24	8C	VIDEO_OUT1
P30_A23	9C	VIDEO_OUT2
P30_A22	10C	VIDEO_OUT3
P30_A21	11C	Y_OUT
P30_A19	12C	PR_OUT
P30_A20	13C	PB_OUT
P29_B22	14C	4P_Y_OUT
P29_B20	15C	4P_C_OUT
WIDE_OUT_L	16C	WIDE_OUT_L
	17C	
	18C	
	19C	
P9_17B	20C	TXT_SIG
P9_17A	21C	TXT_GATE
P3_22C	22C	AV_ADRS10
P3_23C	23C	AV_ADRS7
P3_24C	24C	AV_ADRS4
P3_25C	25C	AV_ADRS1
P3_26C	26C	AV_IOWR_L
P3_27C	27C	AV_DATA6
P3_28C	28C	AV_DATA3
P3_29C	29C	AV_DATA0
	30C	+5V (F1-4)
	31C	−5V
	32C	GND

P008
VJS2899A096

	1A	GND
P6_2A	2A	YC_OUT_P0
P6_3A	3A	YC_OUT_N1
P6_4A	4A	YC_OUT_P3
P6_5A	5A	YC_OUT_N4
P6_6A	6A	YC_OUT_P6
P6_7A	7A	YC_OUT_N7
P6_8A	8A	YC_OUT_P9
P6_9A	9A	YC_OUT_27M_N
	10A	
P6_13A	11A	TX_H
P6_14A	12A	TX_CF
	13A	
	14A	
P4_16C	15A	H_SYNC_L
	16A	
	17A	
	18A	
	19A	
	20A	
	21A	
P10_22A	22A	PB_C_DATA2
P10_23A	23A	PB_C_DATA5
P10_24A	24A	PB_Y_DATA0
P10_25A	25A	PB_Y_DATA3
P10_26A	26A	PB_Y_DATA6
P10_27A	27A	REF_FRM
	28A	
P4_14C	29A	OUT_FRM
	30A	
	31A	+16V
	32A	GND

P008
VJS2899A096

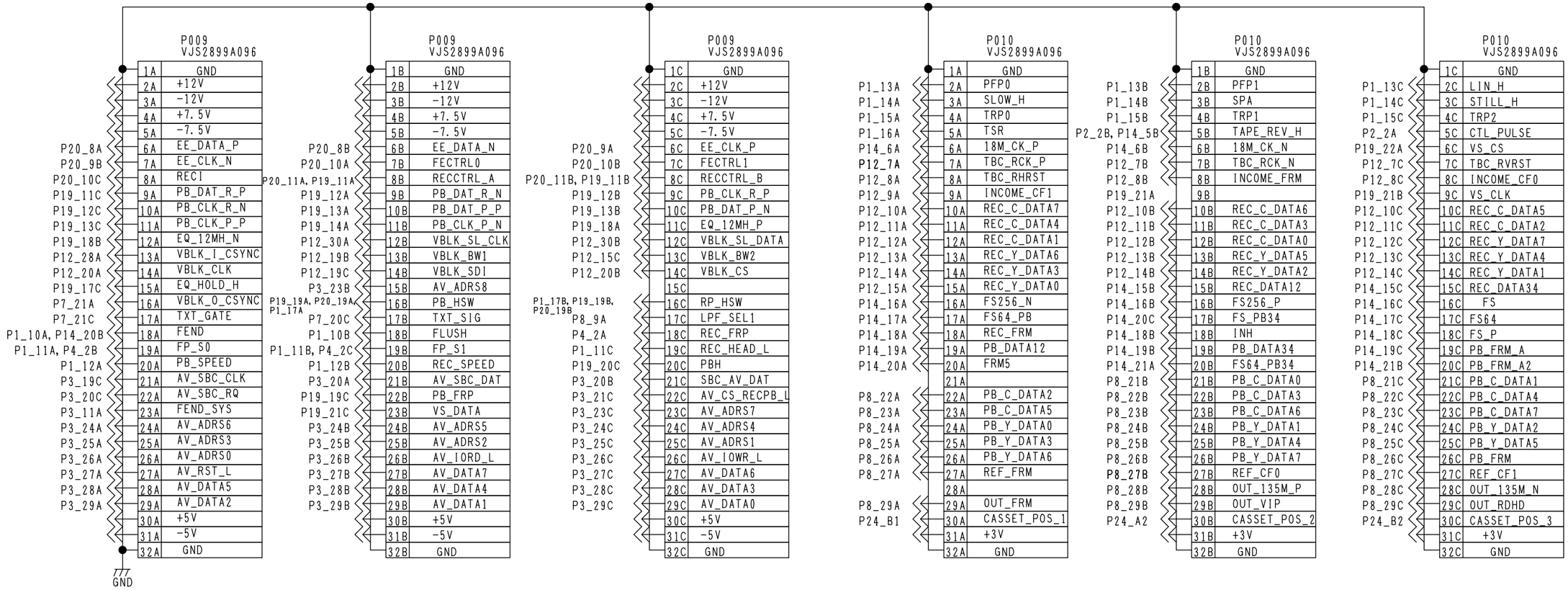
	1B	GND
P6_2B	2B	
P6_3B	3B	YC_OUT_P2
P6_4B	4B	YC_OUT_N3
P6_5B	5B	YC_OUT_P5
P6_6B	6B	YC_OUT_N6
P6_7B	7B	YC_OUT_P8
P6_8B	8B	YC_OUT_N9
P9_17C	9B	LPF_SEL1
	10B	INCOME_FRM
P6_13B	11B	TX_V
P6_14C	12B	SIF_CF
P14_13B	13B	REF_FRAME
P4_16A	14B	CHAR_DATA_H
P4_17A	15B	V_SYNC_L
	16B	
	17B	
	18B	
	19B	
	20B	
P10_21B	21B	PB_C_DATA0
P10_22B	22B	PB_C_DATA3
P10_23B	23B	PB_C_DATA6
P10_24B	24B	PB_Y_DATA1
P10_25B	25B	PB_Y_DATA4
P10_26B	26B	PB_Y_DATA7
P10_27B	27B	REF_CF0
P10_28B	28B	OUT_135M_P
P10_29B	29B	OUT_VIP
	30B	
	31B	+16V
	32B	GND

P008
VJS2899A096

	1C	GND
P6_2C	2C	YC_OUT_P1
P6_3C	3C	YC_OUT_N2
P6_4C	4C	YC_OUT_P4
P6_5C	5C	YC_OUT_N5
P6_6C	6C	YC_OUT_P7
P6_7C	7C	YC_OUT_N8
P6_8C	8C	YC_OUT_27M_P
	9C	
	10C	
P6_13C	11C	TX_F
	12C	
P14_13C	13C	REF_HST_N
P4_16B	14C	CHAR_GATE_L
P4_17B	15C	COMP_SYNC_L
	16C	
	17C	
	18C	
	19C	
	20C	
P10_21C	21C	PB_C_DATA1
P10_22C	22C	PB_C_DATA4
P10_23C	23C	PB_C_DATA7
P10_24C	24C	PB_Y_DATA2
P10_25C	25C	PB_Y_DATA5
P10_26C	26C	PB_FRM
P10_27C	27C	REF_CF1
P10_28C	28C	OUT_135M_N
P10_29C	29C	OUT_RDHD
	30C	
	31C	+16V
	32C	GND

COMPONENT NAME	MOTHER	04/11
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A48A		
	SCM200	

REC/PB (F5)



COMPONENT NAME	MOTHER	05/11
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A48A		
	SCM201	

VIN (F6)

P011 VJS2899A096

P30_B30	6A	VIDEO_IN_G
P30_B29	7A	Y_IN_G
P30_B28	8A	PB_IN_G
P30_B27	9A	PR_IN_G
P29_A/B25	10A	4P_Y_IN_G
P29_A/B23	11A	4P_C_IN_G
P5_13A	13A	YC_IN_P0
P5_14A	14A	YC_IN_N1
P5_15A	15A	YC_IN_P3
P5_16A	16A	YC_IN_N4
P5_17A	17A	YC_IN_P6
P5_18A	18A	YC_IN_N7
P5_19A	19A	YC_IN_P9
P5_20A	20A	YC_IN_27M_N
P5_22A	22A	SIF_FRM
P3_23A	23A	AV_ADRS9
P3_24A	24A	AV_ADRS6
P3_25A	25A	AV_ADRS3
P3_26A	26A	AV_ADRS0
P3_27A	27A	AV_RST_L
P3_28A	28A	AV_DATA5
P3_29A	29A	AV_DATA2

1A		GND
2A		+12V
3A		−12V
4A		+7.5V
5A		−7.5V
10A		
11A		
12A		
30A		+5V
31A		−5V
32A		GND

GND

P011 VJS2899A096

P5_13B	13B	YC_IN_N0
P5_14B	14B	YC_IN_P2
P5_15B	15B	YC_IN_N3
P5_16B	16B	YC_IN_P5
P5_17B	17B	YC_IN_N6
P5_18B	18B	YC_IN_P8
P5_19B	19B	YC_IN_N9
P5_20B	20B	SIF_CSYNC
P3_21B	22B	AV_CS_VIDEO_L
P3_23B	23B	AV_ADRS8
P3_24B	24B	AV_ADRS5
P3_25B	25B	AV_ADRS2
P3_26B	26B	AV_IORD_L
P3_27B	27B	AV_DATA7
P3_28B	28B	AV_DATA4
P3_29B	29B	AV_DATA1

1B		GND
2B		+12V
3B		−12V
4B		+7.5V
5B		−7.5V
6B		
7B		
8B		
9B		
10B		
11B		
12B		
30B		+5V
31B		−5V
32B		GND

P011 VJS2899A096

P30_A30	6C	VIDEO_IN
P30_A29	7C	Y_IN
P30_A28	8C	PB_IN
P30_A27	9C	PR_IN
P29_B26	10C	4P_Y_IN
P29_B24	11C	4P_C_IN
P29_24A	12C	WIDE_IN_L
P5_13C	13C	YC_IN_P1
P5_14C	14C	YC_IN_N2
P5_15C	15C	YC_IN_P4
P5_16C	16C	YC_IN_N5
P5_17C	17C	YC_IN_P7
P5_18C	18C	YC_IN_N8
P5_19C	19C	YC_IN_27M_P
P5_21C	21C	EAVSAV
P3_22C	22C	AV_ADRS10
P3_23C	23C	AV_ADRS7
P3_24C	24C	AV_ADRS4
P3_25C	25C	AV_ADRS1
P3_26C	26C	AV_IOWR_L
P3_27C	27C	AV_DATA6
P3_28C	28C	AV_DATA3
P3_29C	29C	AV_DATA0

1C		GND
2C		+12V
3C		−12V
4C		+7.5V
5C		−7.5V
30C		+5V
31C		−5V
32C		GND

P012 VJS2899A096

P10_7A	7A	TBC_RCK_P
P10_8A	8A	TBC_RHRST
P10_9A	9A	INCOME_CF1
P10_10A	10A	REC_C_DATA7
P10_11A	11A	REC_C_DATA4
P10_12A	12A	REC_C_DATA1
P10_13A	13A	REC_Y_DATA6
P10_14A	14A	REC_Y_DATA3
P10_15A	15A	REC_Y_DATA0
P14_13A	16A	INCOM_HST_N
P9_14A	20A	VBLK_CLK
P9_13A	28A	VBLK_I_CSYNC
P9_12B	30A	VBLK_SL_CLK

1A		GND
2A		
3A		
4A		
5A		
6A		
17A		
18A		
19A		
21A		
22A		
23A		
24A		
25A		
26A		
27A		
29A		
31A		+16V
32A		GND

P012 VJS2899A096

P10_7B	7B	TBC_RCK_N
P10_8B	8B	INCOME_FRM
P10_10B	10B	REC_C_DATA6
P10_11B	11B	REC_C_DATA3
P10_12B	12B	REC_C_DATA0
P10_13B	13B	REC_Y_DATA5
P10_14B	14B	REC_Y_DATA2
P9_13B	19B	VBLK_BW1
P9_14C	20B	VBLK_CS
P9_12C	30B	VBLK_SL_DATA

1B		GND
2B		
3B		
4B		
5B		
6B		
9B		
15B		
16B		
17B		
18B		
21B		
22B		
23B		
24B		
25B		
26B		
27B		
28B		
29B		
31B		+16V
32B		GND

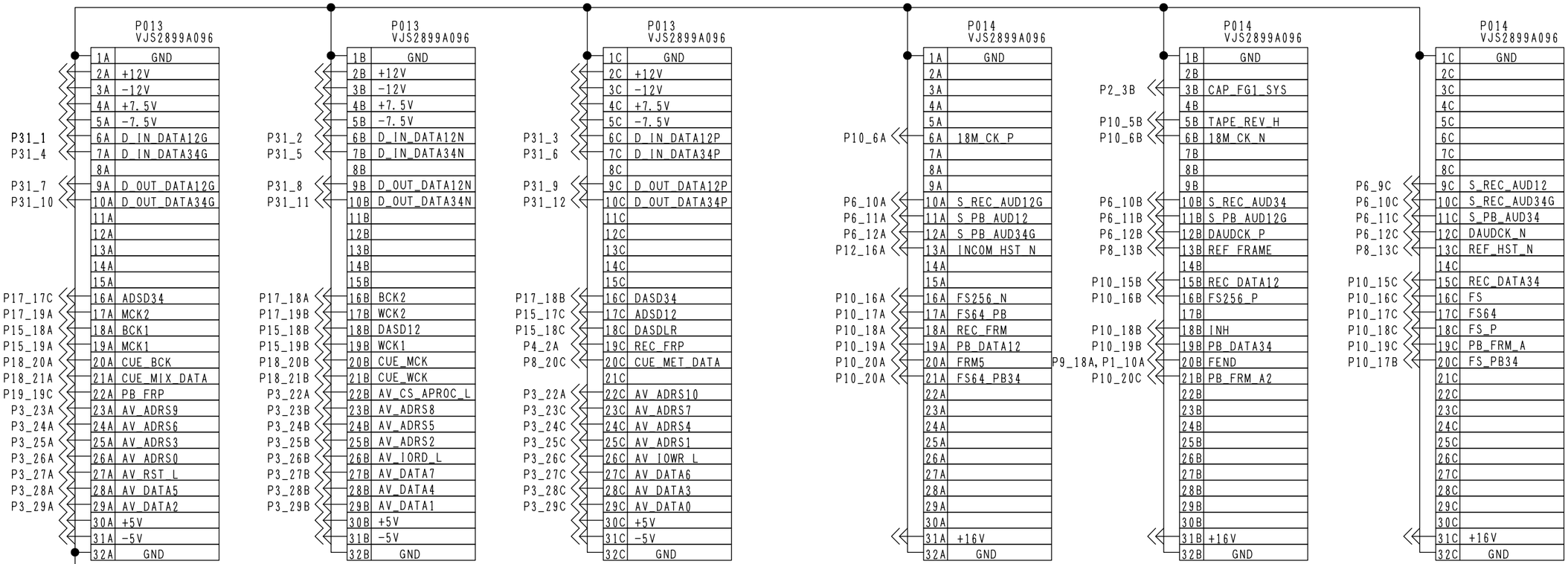
P012 VJS2899A096

P10_7C	7C	TBC_RVRST
P10_8C	8C	INCOME_CF0
P10_10C	10C	REC_C_DATA5
P10_11C	11C	REC_C_DATA2
P10_12C	12C	REC_Y_DATA7
P10_13C	13C	REC_Y_DATA4
P10_14C	14C	REC_Y_DATA1
P9_13C	15C	VBLK_BW2
P9_12B	19C	VBLK_SDI
P3_19B	22C	DEC_DAT

1C		GND
2C		
3C		
4C		
5C		
6C		
9C		
16C		
17C		
18C		
20C		
21C		
23C		
24C		
25C		
26C		
27C		
28C		
29C		
30C		
31C		+16V
32C		GND

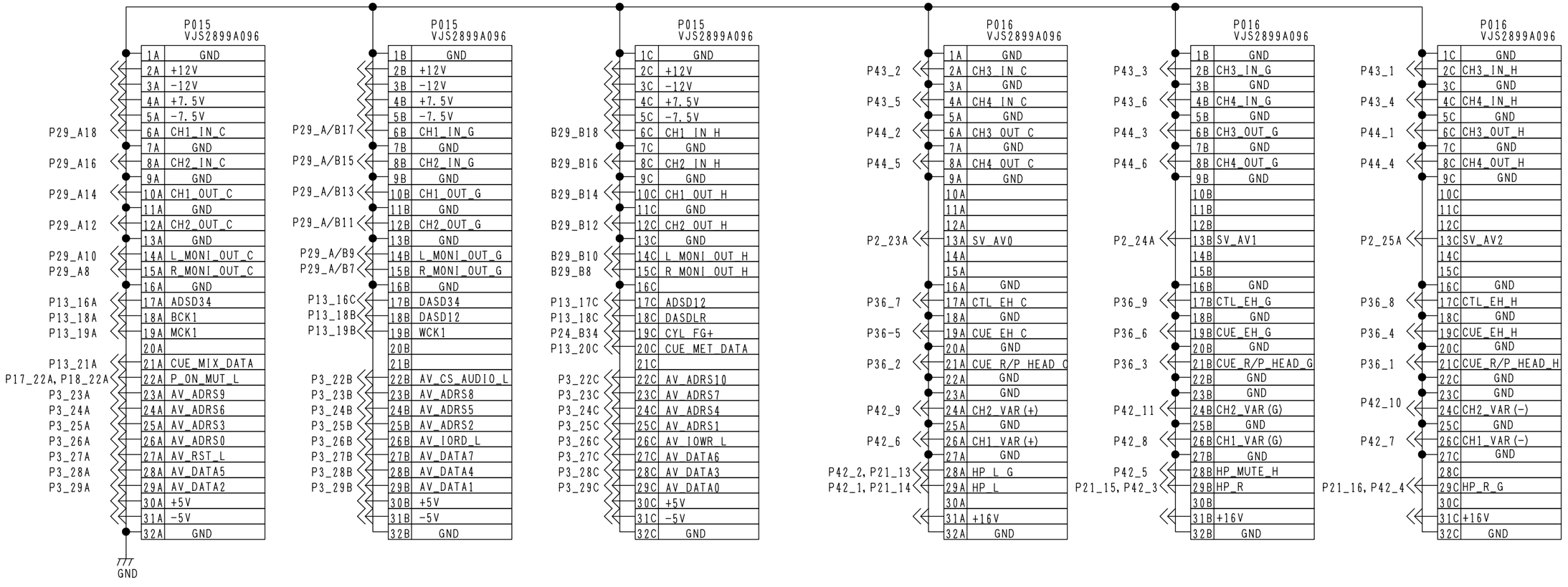
COMPONENT NAME	MOTHER	06/11
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A48A		
	SCM202	

A_PROC (F7)



COMPONENT NAME	MOTHER	07/11
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A48A		
	SCM203	

ADDA_1 (F8)



COMPONENT NAME	MOTHER	08/11
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A48A		
	SCM204	

ADDA_2 (H1)

P017
VJS2899A096

1A	GND	
2A	+12V	
3A	−12V	
4A	+7.5V	
5A	−7.5V	
6A		
7A	GND	
8A		
9A	GND	
10A		
11A	GND	
12A		
13A	GND	
14A		
15A		
16A		
17A		
18A	BCK2	P13_16B
19A	MCK2	P13_17A
20A		
21A		
22A	P_ON_MUT_L	P18_22A, P15_22A
23A	AV_ADRS9	P3_23A
24A	AV_ADRS6	P3_24A
25A	AV_ADRS3	P3_25A
26A	AV_ADRS0	P3_26A
27A	AV_RST_L	P3_27A
28A	AV_DATA5	P3_28A
29A	AV_DATA2	P3_29A
30A	+5V	
31A	−5V	
32A	GND	

GND

P017
VJS2899A096

1B	GND	
2B	+12V	
3B	−12V	
4B	+7.5V	
5B	−7.5V	
6B		
7B	GND	
8B		
9B	GND	
10B		
11B	GND	
12B		
13B	GND	
14B		
15B		
16B		
17B		
18B	DASD34	P13_16C
19B	WCK2	P13_17B
20B		
21B		
22B	AV_CS_AUDIO_L	P3_22B
23B	AV_ADRS8	P3_23B
24B	AV_ADRS5	P3_24B
25B	AV_ADRS2	P3_25B
26B	AV_IORD_L	P3_26B
27B	AV_DATA7	P3_27B
28B	AV_DATA4	P3_28B
29B	AV_DATA1	P3_29B
30B	+5V	
31B	−5V	
32B	GND	

P017
VJS2899A096

1C	GND	
2C	+12V	
3C	−12V	
4C	+7.5V	
5C	−7.5V	
6C		
7C	GND	
8C		
9C	GND	
10C		
11C	GND	
12C		
13C	GND	
14C		
15C		
16C		
17C	ADSD34	P13_16A
18C		
19C		
20C		
21C		
22C	AV_ADRS10	P3_22C
23C	AV_ADRS7	P3_23C
24C	AV_ADRS4	P3_24C
25C	AV_ADRS1	P3_25C
26C	AV_IOWR_L	P3_26C
27C	AV_DATA6	P3_27C
28C	AV_DATA3	P3_28C
29C	AV_DATA0	P3_29C
30C	+5V	
31C	−5V	
32C	GND	

CUE (H2)

P018
VJS2899A096

1A	GND	
2A	+12V	
3A	−12V	
4A	+7.5V	
5A	−7.5V	
6A	CUE_IN_C	P29_A30
7A	GND	
8A	CUE_OUT_C	P29_A28
9A	GND	
10A		
11A		
12A		
13A		
14A		
15A		
16A		
17A		
18A		
19A		
20A	CUE_BCK	P13_20A
21A	CUE_MIX_DATA	P13_21A
22A	P_ON_MUT_L	P15/17_22A
23A	AV_ADRS9	P15/17_23A
24A	AV_ADRS6	P15/17_24A
25A	AV_ADRS3	P15/17_25A
26A	AV_ADRS0	P15/17_26A
27A	AV_RST_L	P15/17_27A
28A	AV_DATA5	P15/17_28A
29A	AV_DATA2	P15/17_29A
30A	+5V	
31A	−5V	
32A	GND	

P018
VJS2899A096

1B	GND	
2B	+12V	
3B	−12V	
4B	+7.5V	
5B	−7.5V	
6B	CUE_IN_G	P29_A/B29
7B	GND	
8B	CUE_OUT_G	P29_A/B27
9B	GND	
10B		
11B		
12B		
13B		
14B		
15B		
16B		
17B		
18B		
19B		
20B	CUE_MCK	P13_20B
21B	CUE_WCK	P13_21B
22B	AV_CS_AUDIO_L	P15/17_22B
23B	AV_ADRS8	P15/17_23B
24B	AV_ADRS5	P15/17_24B
25B	AV_ADRS2	P15/17_25B
26B	AV_IORD_L	P15/17_26B
27B	AV_DATA7	P15/17_27B
28B	AV_DATA4	P15/17_28B
29B	AV_DATA1	P15/17_29B
30B	+5V	
31B	−5V	
32B	GND	

P018
VJS2899A096

1C	GND	
2C	+12V	
3C	−12V	
4C	+7.5V	
5C	−7.5V	
6C	CUE IN H	P29_B30
7C	GND	
8C	CUE OUT H	P29_B28
9C	GND	
10C		
11C		
12C		
13C		
14C		
15C		
16C		
17C		
18C	CYL_FG+	CYL_FG+
19C		
20C	CUE_MET DATA	P13_20C
21C		
22C	AV ADRS10	P5/17_22C
23C	AV ADRS7	P5/17_23C
24C	AV ADRS4	P5/17_24C
25C	AV ADRS1	P5/17_25C
26C	AV IOWR L	P5/17_26C
27C	AV DATA6	P5/17_27C
28C	AV DATA3	P5/17_28C
29C	AV DATA0	P5/17_29C
30C	+5V	
31C	−5V	
32C	GND	

COMPONENT NAME	MOTHER	09/11
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A48A		
	SCM205	

EQ (H3)

P019
VJS2899A096

1A	GND	
2A	+12V	
3A	−12V	
4A	+7.5V	
5A	−7.5V	
6A	GND	
7A	RTV_SPD_PB	P1_6B
8A	REF_CLK	P1_7B
9A	ATF_P	P1_8A
10A	GND	
11A	RECCTRL_A	P9_8B, P20_11A
12A	PB_DAT_R_N	P9_9B
13A	PB_DAT_P_P	P9_10B
14A	PB_CLK_P_N	P9_11B
15A		
16A		
17A		
18A	EQ_12MH_P	P9_11C
19A	RP_HSW	P9_16C, P20_19A, P1_17B
20A	REC_ENV	P1_16C
21A		
22A	VS_CS	P10_6C
23A	RF_CLK	P3_18A, P20_23A
24A		
25A	GND	
26A	PB_OUT_P	P20_26A
27A	GND	
28A	RP_OUT_P	P20_28A
29A	GND	
30A	+5V	
31A	−5V	
32A	GND	

GND

P019
VJS2899A096

1B	GND	
2B	+12V	
3B	−12V	
4B	+7.5V	
5B	−7.5V	
6B	GND	
7B	RTV_SPD_RP	P1_6C
8B	GND	
9B	ATF_R	P1_8B
10B	GND	
11B	RECCTRL_B	P9_8C, P20_11B
12B	PB_CLK_R_P	P9_9C
13B	PB_CLK_R_N	P9_10C
14B		
15B		
16B		
17B		
18B	EQ_12MH_N	P9_12A
19B	PB_HSW	P9_16B, P20_19B, P1_17A
20B	PB_ENV	P1_16B
21B	VS_CLK	P10_9C
22B		
23B	RF_DATA	P3_18B, P20_23B
24B		
25B	GND	
26B	PB_OUT_N	P20_26B
27B	GND	
28B	RP_OUT_N	P20_28B
29B	GND	
30B	+5V	
31B	−5V	
32B	GND	

P019
VJS2899A096

1C	GND	
2C	+12V	
3C	−12V	
4C	+7.5V	
5C	−7.5V	
6C	GND	
7C	GND	
8C	GND	
9C	GND	
10C	GND	
11C	PB_DAT_R_P	P9_9A
12C	PB_CLK_R_N	P9_10A
13C	PB_CLK_P_P	P9_11A
14C		
15C		
16C		
17C	EQ_HOLD_H	P9_15A
18C		
19C	PB_FRP	P13_22A
20C	PBH	P9_20C, P20_20C
21C	VS_DATA	P9_23B
22C		
23C	RF_EQLD_H	P3_18C, P20_23C
24C		
25C	GND	
26C	PB_OUT_G	P20_26C
27C	GND	
28C	RP_OUT_G	P20_28C
29C	GND	
30C	+5V	
31C	−5V	
32C	GND	

RF_AMP (H4)

P020
VJS2899A096

1A	GND	
2A	+12V	
3A	−12V	
4A	+7.5V	
5A	−7.5V	
6A	GND	
7A		
8A	EE_DATA_P	P9_6A
9A	EE_CLK_P	P9_6C
10A	FECTRL0	P9_7B
11A	RECCTRL_A	P9_8B
12A	A_REC	P33_A9
13A	GND	
14A	GND	
15A	GND	
16A	GND	
17A		
18A		
19A	RP_HSW	P9_16C, P19_19A, P1_17B
20A	REC_ENV	P1_16C
21A	GND	
22A	GND	
23A	RF_CLK	P3_18A, P19_23A
24A	RF_HALD_H	P3_19A
25A	PB_PRE_G	P33_A26
26A	PB_OUT_P	P19_26A
27A	RP_PRE_G	P33_A24
28A	RP_OUT_P	P19_28A
29A	GND	
30A	+5V	
31A	−5V	
32A	GND	

P020
VJS2899A096

1B	GND	
2B	+12V	
3B	−12V	
4B	+7.5V	
5B	−7.5V	
6B	GND	
7B	RE_A_CURR	P33_A7
8B	EE_DATA_N	P9_6B
9B	EE_CLK_N	P9_7A
10B	FECTRL1	P9_7C
11B	RECCTRL_B	P9_8C
12B	B_REC	P33_B9
13B	RESET	P33_A11
14B	RECDATA_P	P33_A13
15B	REC_A_CURR	P33_A17
16B	REC_A_FREQ	P33_A18
17B	RP_A	P33_A20
18B	PB_A	P33_A21
19B	PB_HSW	P9_16B, P19_19B, P1_17A
20B	PB_ENV	
21B	GND	P9_20C, P19_20C
22B	GND	
23B	RF_DATA	P3_18B, P19_23B
24B	GND	
25B	PB_PRE_P	P33_A25
26B	PB_OUT_N	P19_26B
27B	RP_PRE_P	P33_A23
28B	RP_OUT_N	
29B	GND	
30B	+5V	
31B	−5V	
32B	GND	

P020
VJS2899A096

1C	GND	
2C	+12V	
3C	−12V	
4C	+7.5V	
5C	−7.5V	
6C	GND	
7C	RE_B_CURR	P33_B7
8C	GND	
9C	GND	
10C	RECI	P9_8A
11C		
12C	RECA	P33_A10
13C	REC_TESTMOD	P33_B11
14C	RECDATA_N	P33_B13
15C	REC_B_CURR	P33_B17
16C	REC_B_FREQ	P33_B18
17C	RP_B	P33_B20
18C	PB_B	P33_B21
19C	RE_HSW	P1_17C
20C	PBH	
21C	GND	P9_20C, P19_20C
22C	GND	
23C	GND	
24C	GND	
25C	PB_PRE_N	B33_B25
26C	PB_OUT_G	P19_26C
27C	RP_PRE_N	P33_B23
28C	RP_OUT_G	P19_28C
29C	GND	
30C	+5V	
31C	−5V	
32C	GND	

HEAD_BUFFER

P033 VJP3375A060

A	NO	B	
GND	1	GND	
GND	2	GND	
+12V	3	+12V	
+7.5V	4	+7.5V	
−7.5V	5	−7.5V	
GND	6	GND	
RE_A_CURR	7	RE_B_CURR	P20_7C
FECTRL0	8	FECTRL1	P20_10B
A_REC	9	B_REC	P20_12B
RECA	10		
RESET	11	REC_TESTMOD	P20_13C
GND	12	GND	
RECDATA_P	13	RECDATA_N	P20_14C
GND	14	GND	
GND	15	GND	
GND	16	GND	
REC_A_CURR	17	REC_B_CURR	P20_15C
REC_A_FREQ	18	REC_B_FREQ	P20_16C
GND	19	GND	
RP_A	20	RP_B	P20_17C
PB_A	21	PB_B	P20_18C
GND	22	GND	
RP_PRE_P	23	RP_PRE_N	P20_27C
RP_PRE_G	24	RP_PRE_G	
PB_PRE_P	25	PB_PRE_N	P20_25C
PB_PRE_G	26	PB_PRE_G	
+5V	27	+5V	
−5V	28	−5V	
GND	29	GND	
GND	30	GND	

P20_7B
P20_10A
P20_12A
P20_12C
P20_13B
P20_14B
P20_15B
P20_16B
P20_17B
P20_18B
P20_27B
P20_27A
P20_25B
P20_25A

J7
LAND

COMPONENT NAME	MOTHER	10/11
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A48A		
	SCM206	

TO V/S_JACK

P030 VJS3375B060

A	NO	B
CTS	1	RTS
RXD	2	TXD
DSR	3	DTR
STB_CLK16	4	
P_SERIAL_OUT	5	SERIAL_CLK
RET_GND	6	P_SERIAL_IN
SYS_SC_CORSE_1	7	SYS_SC_CORSE_2
SYS_H_PHASE	8	SYS_SC_PHASE
C_GAIN	9	HUE
VIDEO_GAIN	10	SET_UP
+5V	11	GND
TRANSMIT_A_OUT	12	TRANSMIT_B_OUT
RECEIVE_A_OUT	13	RECEIVE_B_OUT
TRANSMIT_A_IO	14	TRANSMIT_B_IO
RECEIVE_A_IO	15	RECEIVE_B_IO
+5V	16	GND
-12V	17	-12V
+12V	18	+12V
PR_OUT	19	PR_OUT_G
PB_OUT	20	PB_OUT_G
Y_OUT	21	Y_OUT_G
VIDEO_OUT3	22	VIDEO_OUT3_G
VIDEO_OUT2	23	VIDEO_OUT2_G
VIDEO_OUT1	24	VIDEO_OUT1_G
GND	25	GND
REF_IN	26	REF_IN_G
PR_IN	27	PR_IN_G
PB_IN	28	PB_IN_G
Y_IN	29	Y_IN_G
VIDEO_IN	30	VIDEO_IN_G

P3_17B, P3_16C, P3_16A, P3_15B, P3_14C, P3_14A, P3_13B, P3_12C, P3_12A, P3_11B, P3_10A, P3_9B, P3_8C, P3_8A, P7_12C, P7_13C, P7_11C, P7_10C, P7_9C, P7_8C, P7_6C, P11_9C, P11_8C, P11_7C, P11_6C

P3_17C, P3_17A, P3_16B, P3_15A, P3_14B, P3_13C, P3_13A, P3_12B, P3_11C, P3_10B, P3_9C, P3_9A, P3_8B, P7_12A, P7_13A, P7_11A, P7_10A, P7_9A, P7_8A, P7_6A, P11_9A, P11_8A, P11_7A, P11_6A

TO A_JACK

P029 VJS3375B060

A	NO	B
+12V	1	+12V
-12V	2	-12V
GND	3	GND
TC_OUT_C	4	TC_OUT_H
GND	5	GND
TC_IN_C	6	TC_IN_H
R_MONI_OUT_G	7	R_MONI_OUT_G
R_MONI_OUT_C	8	R_MONI_OUT_H
L_MONI_OUT_G	9	L_MONI_OUT_G
L_MONI_OUT_C	10	L_MONI_OUT_H
CH2_OUT_G	11	CH2_OUT_G
CH2_OUT_C	12	CH2_OUT_H
CH1_OUT_G	13	CH1_OUT_G
CH1_OUT_C	14	CH1_OUT_H
CH2_IN_G	15	CH2_IN_G
CH2_IN_C	16	CH2_IN_H
CH1_IN_G	17	CH1_IN_G
CH1_IN_C	18	CH1_IN_H
4P_C_OUT_G	19	4P_C_OUT_G
WIDE_OUT_L	20	4P_C_OUT
4P_Y_OUT_G	21	4P_Y_OUT_G
	22	4P_Y_OUT
4P_C_IN_G	23	4P_C_IN_G
WIDE_IN_L	24	4P_C_IN
4P_Y_IN_G	25	4P_Y_IN_G
	26	4P_Y_IN
CUE_OUT_G	27	CUE_OUT_G
CUE_OUT_C	28	CUE_OUT_H
CUE_IN_G	29	CUE_IN_G
CUE_IN_C	30	CUE_IN_H

P3_7A, P3_6B, P15_15B, P15_15A, P15_14B, P15_14A, P15_12B, P15_12A, P15_10B, P15_10A, P15_8B, P15_8A, P15_6B, P15_6A, P7_16C, P11_12C, P18_8A, P18_6A

P3_6C, P3_6A, P15_15C, P15_14C, P15_12C, P15_10C, P15_8C, P15_6C, P7_15A, P7_15C, P7_14A, P7_14C, P11_11A, P11_11C, P11_10A, P11_10C, P18_8B, P18_8C, P18_6B, P18_6C

TO M_IF

P023 VJP2891A030

1	GND	
2	GND	
3	GND	
4	+12V	
5	-12V	
6	+5V	
7	R_STAND_L2S	
8	R_STAND_S2L	
9	PINCH_ON	
10	PINCH_OFF	
11	S_BRAKE_ON	
12	S_BRAKE_OFF	
13	T_BRAKE_ON	
14	T_BRAKE_OFF	
15	M_STOPPER_OFF	
16	M_STOPPER_ON	
17	TRM1	
18	TRM2	
19	TRM3	
20	SRM1	
21	SRM2	
22	SRM3	
23	CAM1	
24	CAM2	
25	CAM3	
26	CYL_M1	
27	CYL_M2	
28	CYL_M3	
29	LOAD_FG	
30	CLE_ON_H	

P4_27A, P4_28A, P4_20C, P4_21C, P4_22C, P4_23C, P4_24C, P4_25C, P4_26C, P4_27C, P2_23C, P2_24C, P2_23B, P2_25C, P2_26C, P2_25B, P2_27C, P2_28C, P2_27B, P2_29C, P2_30C, P2_29B, P1_18A, P2_6B

TO M_IF

P024 VJP3418A080

A	NO	B
CHECK_LINE_2	1	CASSET_POS_1
CASSET_POS_2	2	CASSET_POS_3
CASSET_MID_H	3	GND
CASSET_INR_H	4	CASSET_INL_H
CASSET1_H	5	DEW_ON_H
CASSET2_H	6	DEW_GND
CASSET_DOWN_H	7	CASSET_UP_L
MECHA_POS2_L	8	MECHA_POS1_L
SAFETY_TAB	9	MECHA_POS3_L
REEL_POS2_H	10	CAST_DOWN_L
TAPE_SENSOR_ON	11	REEL_POS1_H
F_LOAD_IN	12	F_LOAD_OUT
TAPE_START_L	13	TAPE_END_L
LOADING	14	UNLOADING
TENSION	15	TENS_GND
CYLH_V+	16	CYLH_V-
CYLH1+	17	CYLH1-
CYLH2+	18	CYLH2-
CYLH3+	19	CYLH3-
TRH_V+	20	TRH_V-
TRH1+	21	TRH1-
TRH2+	22	TRH2-
TRH3+	23	TRH3-
SRH_V+	24	SRH_V-
SRH1+	25	SRH1-
SRH2+	26	SRH2-
SRH3+	27	SRH3-
CAH_V+	28	CAH_V-
CAH1+	29	CAH1-
CAH2+	30	CAH2-
CAH3+	31	CAH3-
CAP_FG_VCC	32	CAP_FG_GND
CAP_FG1_M	33	CAP_FG2_M
CYL_PG+	34	CYL_FG+
T_FG_V	35	T_FG_GND
T_FG1_M	36	T_FG2_M
S_FG_V	37	S_FG_GND
S_FG1_M	38	S_FG2_M
CYL_PF_GND	39	CTL_GND
CTL_REC_CURR	40	CTL_PRE

P2_6C, P10_30B, P4_14B, P4_17C, P4_18B, P4_19A, P4_19B, P4_20B, P4_21B, P4_22B, P4_23B, P4_24B, P4_25A, P4_26B, P2_7A, P2_7C, P2_4C, P2_5B, P2_6A, P2_9B, P2_10A, P2_10C, P2_11B, P2_12A, P2_12C, P2_13B, P2_14A, P2_14C, P2_15B, P2_16A, P2_16C, P2_17B, P2_18A, P2_18C, P2_19B, P2_20A, P2_20C, P2_21B, P2_22B, P2_8B

P10_30A, P10_30C, P4_18A, P4_18C, P4_19C, P4_20A, P4_21A, P4_22A, P4_23A, P4_24A, P4_25B, P4_26A, P4_27B, P2_7B, P2_8A, P2_4B, P2_5A, P2_5C, P2_9C, P2_10B, P2_11A, P2_11C, P2_12B, P2_13A, P2_13C, P2_14B, P2_15A, P2_15C, P2_16B, P2_17A, P2_17C, P2_18B, P2_19A, P2_19C, P2_20B, P2_21A, P2_21C, P2_8C, P2_9A

TO POWER

P027 VJP2824B008

1	-7.5V
2	+7.5V
3	-12V
4	+12V
5	GND
6	GND
7	GND
8	GND

P026 VJP2824B009

1	+3V
2	GND
3	GND
4	GND
5	
6	-5V
7	+5V(F1-4)
8	+5V
9	+5V

P3_7B — J8 LAND

P025 VJP2824B003

1	FAN_PULSE1
2	GND_M
3	+16V

TO FAN_MOTOR

P032 VJP1230T

1	+12V
2	FAN_PULSE2
3	GND

P3_7C

TO FRONT (D215)

P021 VJP2891B016

J3 LAND

1	+5V
2	+7.5V
3	+5V
4	+5V
5	FR_SERI0A
6	FR_SERI0B
7	FR_SERI1A
8	FR_SERI1B
9	GND
10	GND
11	GND
12	GND
13	HP_L_G
14	HP_L
15	HP_R
16	HP_R_G

P4_28B, P41_1
P4_28C, P41_2
P4_29B, P41_3
P4_29C, P41_4
P16_28A, P42_2
P16_29A, P42_1
P16_29B, P42_3
P16_29C, P42_4

GND

TO FRONT1 (D218)

P041 VJP1930T

1	FR_SERI0A
2	FR_SERI0B
3	FR_SERI1A
4	FR_SERI1B
5	+5V
6	+5V
7	+5V
8	+5V
9	GND
10	GND
11	GND
12	GND
13	GND
14	-12V
15	+12V

P4_28B, P21_5
P4_28C, P21_6
P4_29B, P21_7
P4_29C, P21_8

TO FRONT2 (D218)

P042 VJP1251T

1	HP_L
2	HP_L_G
3	HP_R
4	HP_R_G
5	HP_MUTE_H
6	CH1_VAR(+)
7	CH1_VAR(-)
8	CH1_VAR(G)
9	CH2_VAR(+)
10	CH2_VAR(-)
11	CH2_VAR(G)

P16_29A, P21_14
P16_28A, P21_13
P16_29B, P21_15
P16_29C, P21_16
P16_28B
P16_26A
P16_26C
P16_26B
P16_24A
P16_24C
P16_24B

TO UP_FRONT (D215)

P022 VJP1248T

J4 LAND — J5 LAND

1	U_FRONT_DATA
2	SERIAL_CLK
3	STB_CLK16
4	A_IN_SEL_SW_L
5	V_IN_SEL_SW_L
6	EJECT_SW_L
7	+5V
8	GND

P4_29A
P3_15A
P3_15B
P4_30A
P4_30B
P4_30C

P043 VJP1233T

1	CH3_IN_H
2	CH3_IN_C
3	CH3_IN_G
4	CH4_IN_H
5	CH4_IN_C
6	CH4_IN_G

P16_2C, P16_2A, P16_2B, P16_4C, P16_4A, P16_4B

P044 VJP1233T

1	CH3_OUT_H
2	CH3_OUT_C
3	CH3_OUT_G
4	CH4_OUT_H
5	CH4_OUT_C
6	CH4_OUT_G

P16_6C, P16_6A, P16_6B, P16_8C, P16_8A, P16_8B

TO AES/EBU

P031 VJP1239T

1	D_IN_DATA12G
2	D_IN_DATA12N
3	D_IN_DATA12P
4	D_IN_DATA34G
5	D_IN_DATA34N
6	D_IN_DATA34P
7	D_OUT_DATA12G
8	D_OUT_DATA12N
9	D_OUT_DATA12P
10	D_OUT_DATA34G
11	D_OUT_DATA34N
12	D_OUT_DATA34P

P13_6A, P13_6B, P13_6C, P13_7A, P13_7B, P13_7C, P13_9A, P13_9B, P13_9C, P13_10A, P13_10B, P13_10C

P036 VJP1250T

1	CUE_R/P_HEAD_H
2	CUE_R/P_HEAD_C
3	CUE_R/P_HEAD_G
4	CUE_EH_H
5	CUE_EH_C
6	CUE_EH_G
7	CTL_EH_C
8	CTL_EH_H
9	CTL_EH_G
10	

P16_21C, P16_21A, P16_21B, P16_19C, P16_19A, P16_19B, P16_17A, P16_17C, P16_17B

COMPONENT NAME	MOTHER	11/11
CIRCUIT BOARD NO.	MODEL NO.	
VEP80A48A		
	SCM207	